

Amendment Under 37 C.F.R. § 1.111
USSN 10/799,887
Attorney Docket Q79841
November 17, 2004

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Original) A connector member for electrical connections through a wall of the fuel tank of a motor vehicle, in particular for an LPG fuel tank or the like, designed to operate with a pressure within the tank higher than the external pressure, wherein it comprises a body at least partially made of synthetic material or of elastomer material, designed to be received in a through hole of a wall or plate of the tank, in which there are embedded one or more conductor pins projecting from the opposite ends of said body.

2-10. (Canceled)

11. (New) A connector member for electrical connections through the wall of an LPG fuel tank of a motor vehicle designed to operate with a pressure within the tank higher than the external pressure, wherein the connector member is comprised of a body at least partially made of synthetic material or of elastomer material designed to be received in a through hole of a closure plate for the tank in which there are embedded one or more conductor pins projecting from opposite ends of the body of the connector member, wherein the body of the connector member has a portion designed to be received in said through hole, said portion having a circumferential groove for a seal ring and an end flange provided with holes for engagement of fixing screws to the wall plate of the tank, said flange having front cavities, each traversed by a

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respective conductor pin with a seal ring mounted within each of said cavities between the respective conductor pin and the wall of the cavity and wherein the seal rings are pressed axially by portions projecting from a cover plate juxtaposed with said flange.

12. (New) A connector member for electrical connections through a wall of an LPG fuel tank for a motor vehicle designed to operate with a pressure within the tank higher than an external pressure, wherein the connector member is comprised of a body at least partially made of synthetic material or elastomer material designed to be received in a through hole of a wall or plate of the tank in which there are embedded one or more conductor pins projecting from the opposite ends of said body, wherein the body of the connector is made of elastomer material and has a cylindrical configuration adapted to be received in a cylindrical through hole of the tank, and wherein the connector member includes an auxiliary plate disposed in engagement with one end of the cylindrical body of the connector member, said auxiliary plate having means for fixing the auxiliary plate to the wall or plate of the tank so as to axially compress the cylindrical body of elastomer material of the connector member against an opposed cylindrical surface of the through hole.